

3 a. a user-controlled client establishing communication with a server
4 over a communication channel;
5 [b. said server presenting a list of options to said client, said server in a
6 stateless condition prior to establishing said communication;]
7 [c.] b. [a user] said client identifying [said] a user-defined profile [via said
8 client] to said server;
9 [d.] c. said server engaging a first application program, said first application
10 program retrieving said user-defined profile;
11 [e.] d. said first application program examining a database of [raw]
12 information and automatically retrieving a subset of said [raw]
13 information from said database based upon said user-defined profile;
14 and
15 [f.] e. said first application program transmitting said subset of said [raw]
16 information from said database to said server and said server
17 presenting said subset of said [raw] information to said client.

1 2. (Amended) The method of claim 1 wherein said client comprises an HTTP
2 (Hypertext Transfer Protocol) browser active on a first computer system and
3 said server comprises an HTTP server application program active on a
4 second computer system.

1 3. (Amended) The method of claim 2 wherein said [server comprises an]
2 HTTP server application program [which] communicates with said first
3 application program active on said second computer system via a Common
4 Gateway Interface (CGI).

26⁻³⁻

1 4. (Amended) The method of claim 3 [wherein] further comprising the step of
2 said first application program [stores] storing a file in said second computer
3 system containing said user-defined profile in order to retain a state of said
4 user-profile.

1 5. (Amended) The method of claim 2 wherein said step of said first application
2 program examining said database of [raw] information and automatically
3 retrieving a subset of said [raw] information from said database based upon
4 said user-defined profile is performed at periodic intervals irrespective of
5 said client establishing communication with said server.

1 8. (Amended) An automatic method of retrieving information [based on a user-
2 defined profile,] comprising the following steps:

3 a. a client under control of a user establishing communication with a
4 [stateless] server[, said server presenting a list of options to said
5 client] via HTTP (Hypertext Transfer Protocol) exchanges between
6 said [server] client and said [client] server;

7 b. said client providing an identification of [said] a user-defined profile
8 to said server;

9 c. said server engaging a first application program [via a Common
10 Gateway Interface (CGI)], said first application program retrieving
11 said user-defined profile wherein said user-defined profile identifies
12 information which is of interest to said user;

- 13 d. said first application program examining a database of information
14 and automatically retrieving a subset of said information from said
15 database based upon which information is of interest to said user as
16 [identified] specified in said user-defined profile; and
17 e. said server presenting said subset of said information from said
18 database to said client as [generated] retrieved by said first
19 application program [to said client].

Q1
cont.

1 ⁹7. (Amended) The method of claim ⁸6 wherein said client comprises an HTTP
2 (Hypertext Transfer Protocol) browser application program active on a first
3 computer system and said server comprises an HTTP server application
4 program operative on a remote computer system.

1 ¹⁰8. (Amended) The method of claim [6 wherein] ⁹7 further comprising the step
2 of said first application program [stores] storing a file containing said user-
3 defined profile in said remote computer system in order to retain a state of
4 said user-profile.

1 ¹¹9. (Amended) The method of claim ⁸6 wherein said step of said first
2 application program examining said database of information and
3 automatically retrieving a subset of said information from said database
4 based upon said user-defined profile is performed at periodic intervals
5 irrespective of said client establishing communication with said server.

28

12
10. (Amended) The method of claim 8 wherein said step of said first application
program examining said database of information and automatically retrieving
a subset of said information from said database based upon said user-defined
profile includes:
a. said first application program retrieving source identifications and
associated search terms from said user-defined profile;
b. said first application scanning in said database of information for
sources identified by said source identifications and identifying a first
set of files in said sources containing [the] said associated search
terms; and
c. said first application program placing said first set of files into said
subset of said information.

14 12. (Amended) The method of claim 8 further comprising the step of said first
application program causing said server to present options to said user to
create or modify said profile, said options including:
a. a first option [to allow] allowing said user to specify source
identifications in said information and associated search terms to
search for in said source identifications to said user-defined profile;
and
b. a second option allowing said user to specify delete and/or change
said source identifications and/or said associated search terms in said
profile.

1 ¹⁷15. (Amended) A system for retrieving information [based on a user-defined
2 profile,] comprising:
3 [a. a server having a circuit for presenting a list of options to a client via
4 HTTP exchanges between said server and said client responsive to
5 said client establishing communication with said server, said server
6 being stateless from session to session of said client;
7 b.] a. [said] a server having an interface for engaging a first application
8 program responsive to [said] a client providing an identification of
9 [said] a user-defined profile [by said client, wherein said first
10 application program retrieves said user-defined profile which
11 identifies information which is of interest to a user];
12 [c.] b. said server having an execution control interface for causing said first
13 application program to examine a database of information and
14 automatically retrieve a subset of said information based upon which
15 information is of interest to said user as identified in said user-defined
16 profile; and
17 [d.] c. said server having a presentation circuit for presenting said subset of
18 said information from said database to said client responsive to [said
19 automatic retrieving by said first application program] a request by
20 said client.

1 ¹⁸16. (Amended) The system of claim ¹⁷15 wherein said client comprises an HTTP
2 (Hypertext Transfer Protocol) browser operative on a first computer system
3 and said server comprises an HTTP server operative on a remote computer
4 system.

30

19
17.
1 (Amended) The system of claim 17 wherein said [first application program
2 stores] server further includes a profile circuit for allowing said client to
3 specify said user-defined profile and storing a file containing said user-
4 defined profile in order to retain a state of said user-defined profile.

20
18.
1 (Amended) The system of claim 17 wherein said execution control interface
2 [is activated] comprises an activation circuit for activating said first
3 application program at periodic intervals to cause said first application
4 program to perform said examining said database of information and
5 automatically retrieving a subset of said information from said database
6 based upon said user-defined profile.

21
18.
1 (Amended) The system of claim 17 wherein said first application program
2 examining said database of information and automatically retrieving a subset
3 of said information from said database based upon said user-defined profile
4 includes:
5 a. said first application program retrieving source identifications and
6 associated search terms from said user-defined profile;
7 b. said first application scanning in said database of information for
8 sources identified by said source identifications and identifying a first
9 set of files in said sources containing said associated search terms;
10 and
11 c. said first application program placing said first set of files into said
12 subset of said information.

1 ²³21. (Amended) The system of claim ¹⁷16 further comprising said server having an
2 option presentation circuit for presenting said options to said user to create or
3 modify said profile, said options including:

- 4 a. a first option [to allow] allowing said user to specify source
5 identifications in said information and associated search terms to
6 search for in said source identifications [to] of said user-defined
7 profile; and
8 b. a second option allowing said user to specify delete and/or change
9 said source identifications and/or said associated search terms in said
10 profile.

1 ²⁵23. (Amended) The system of claim ²⁴22 wherein said presentation circuit for
2 presenting said subset of said information from said database as generated by
3 said first application program comprises a topic presentation circuit for
4 presenting said subset of said information organized by said topics.

1 ²⁶24. (Amended) A computer-implemented method of retrieving information
2 comprising the following steps:
3 a. a user-controlled client establishing communication with a server;
4 b. [a user] said client identifying a user-defined profile to said server
5 [via said client];

- a⁵
- 6 c. said server engaging a first application program, said first application
 - 7 program retrieving said user-defined profile;
 - 8 d. said first application program examining a database of [raw]
 - 9 information and automatically retrieving a subset of said [raw]
 - 10 information from said database based upon said user-defined profile;
 - 11 and
 - 12 e. said first application program transmitting said subset of said [raw]
 - 13 information from said database to said server and said server
 - 14 presenting said subset of said [raw] information to said client.
-

c Please add the following claims:

- a⁶
- 1 ⁶25. The method of claim 1 wherein said step of said first application program
 - 2 examining said database of information and automatically retrieving a subset
 - 3 of said information from said database based upon said user-defined profile
 - 4 includes:
 - 5 a. said first application program retrieving source identifications and
 - 6 associated search terms from said user-defined profile;
 - 7 b. said first application scanning in said database of information for
 - 8 sources identified by said source identifications and identifying a first
 - 9 set of files in said sources containing said associated search terms;
 - 10 and
 - 11 c. said first application program placing said first set of files into said
 - 12 subset of said information.